

1160 W. Orange Grove Ave., Arcadia, California, U.S.A.

© Copyright 1971

A LIST OF ANTILLEAN BUTTERFLIES

JAMES A. SCOTT

60 Estes Street, Lakewood, Colorado 80226

No complete list has appeared for the butterflies of the Antilles. The following list was compiled by the author from approximately 100 literature sources. The list is the data used in the author's zoogeographic analysis of the butterfly fauna (in press). The papers used to compile the list can be found in the Literature Cited by Torre y Callejas (1954), except for those listed at the end of this paper.

Different numbers in the list refer to different subspecies; the nomenotypical subspecies is not necessarily number 1.

The author would like to thank F. M. Brown, who provided an unpublished manuscript on Jamaica.

ANTILLEAN BUTTERFLIES

COMPILED BY JAMES A. SCOTT FROM ALL AVAILABLE LITERATURE (APPROXIMATELY 100 PUBLICATIONS)

ABBREVIATIONS OF THE ISLANDS FOLLOW, IN ORDER ACROSS THE TOP OF EACH PAGE

F = FLORIDA
B = BAHAMAS
C = CUBA
I = ISLE OF PINES
C = CAYMAN ISLANDS
J = JAMAICA
H = HISPANIOLA
M = MONA ISLAND
P = PUERTO RICO
V = VIRGIN ISLANDS
A = ANGUILLA TO MONTSEERAT
G = GUADELOUPE AND DOMINICA
M = MARTINIQUE AND ST LUCIA
S = ST. VINCENT, BARBADOS, AND GRENADA
T = TRINIDAD, TOBAGO
S = SOUTH AMERICA
C = MEXICO TO PANAMA (CENTRAL AMERICA)

[illegible]

ISLAND ABBREVIATIONS	F	B	C	I	C	J	H	M	P	V	A	G	M	S	T	S	C
NYMPHALINI, 11 SPECIES																	
HYPANARTIA PAULLUS			1			1	1		1								
VANESSA VIRGINIENSIS	1		1			1	1		1							1	1
VANESSA ATALANTA	1		1			1	1										1
VANESSA CARDUI	1		1			1	1		1		1	1	1	1	1	1	1
JUNONIA COENIA	1	1	1	1													1
JUNONIA EVARETE	1	1	1	1	1	1	1	1	2	2	2	2	2	3	3	3	3
HYPOLIMNAS MISIPPUS			1			1	1	1	1	1	1	1	1	1	1	1	1
SIPROETA STELFENS			2	2	1	1	1		1	1	1					3	3
ANARTIA JATROPHAE	1	1	1	1	2	2	3		4	4	6	6	6	6	6	6	7
ANARTIA LYTRIA			2	2		1	1				3						4
ANARTIA AMALTHEA														1	1	1	1
NYMPHALIDAE, CHARAXINAE, 7 SPECIES																	
ANAEA MARTHESIA			1	1			1		1						1	1	1
ANAEA CLYTEMNESTRA			1													2	2
ANAEA PORTIA	1		2			3	4		5	6	7						8
ANAEA GLYCERIUM						1										2	2
ANAEA FCHFMUS			1	1	1												1
ANAEA VERTICORDIA			1				1					2	3	3			
PREPONA ANTIMACHE				2			1		1						3	3	3
NYMPHALIDAE, SATYRINAE, 20 SPECIES																	
CALISTO MONTANA							1										
CALISTO HEROPHILF			2	1	1												
CALISTO SIBYLLA			1														
CALISTO ZANGIS							1										
CALISTO NUBILA									1								
CALISTO LOXTAS																	
CALISTO ARCHEBATES									1								
CALISTO CHRYSAOROS									1								
CALISTO ARCAS									1								
CALISTO TRAGIUS									1								
CALISTO HYSIUS									1								
CALISTO CONFUSA									1								
CALISTO OBSCURA									1								
CALISTO LYCEIUS									1								
CALISTO GRANNUS									1								
CALISTO ELELEUS									1								
CALISTO MICHENERI									1								
CALISTO PULCHELLA									1								
CALISTO SMINTHEUS				1													
CALISTO DEBARRIERA							1										
LIBYTHEIDAE, 2 SPECIES																	
LIBYTHEANA MOTYA			1			2	2		2		3						
LIBYTHEANA BACHMANNI	1		1														1
LYCAENIDAE, RIODININAE, 1 SPECIES																	
APODEMIA CARTERI			1	2													
LYCAENIDAE, LYCAENINAE, 36 SPECIES																	
THECLINI, 25 SPECIES																	
EUMAEUS ATALA	1	2	2	2													
CHLOROSTRYMON MAESITES	1	1	1			1			1		2		3	3		3	3
CHLOROSTRYMON SIMAETHIS			1			2	1		1	1	1	1	1	1		1	3
CALLOPHRYX CRETHONA						1											
NESTROSTRYMON CELIDA				1		2			3								
PSEUDOLYCAENA MARSYAS														1		2	3
HETEROSMAITIA BOURKEI						1											
ALLOSMAITIA COLEBS			1														
ALLOSMAITIA FIDENA							1		1								
ALLOSMAITIA PIPLA											1		1				
STRYMON ACIS	5	6	4		7	8	3		2	2	2	2					
STRYMON MARTIALIS	1	1	1	1	1	1											
STRYMON RUFOFUSCA														1		1	1
STRYMON BUBASTUS									1	1	1	1	1	1	2	2	
STRYMON COLUMELLA	2	3	3	3	3	3	1		4								5
STRYMON ANTIGUA										1	1						
STRYMON TOUSSAINTI							1										
STRYMON CRISTOPHEI							1										
STRYMON LIMENIA			1			1	1		1								

ISLAND ABBREVIATIONS	F	B	C	I	C	J	H	M	P	V	A	G	M	S	T	S	C
STRYMON RAZOCHII				1		1	1								2	2	2
ELECTROSTRYMON PAN						1											
ELECTROSTRYMON ANGELIA			3	1		2	4		4	4							
ELECTROSTRYMON ANGERONA											1	1		1			
ELECTROSTRYMON DOMINICANA											1	1					
THECLA DEVA											1					1	1
PLERFJINI, 11 SPECIES																	
LEPTOTES CASSIUS	1	1	1	1	1	1	1		1	3	3	2	2		4	4	5
LEPTOTES PERKINSAE						1											
HEMIARGUS DOMINICA						1											
HEMIARGUS AMMON			1	1	1	1											
HEMIARGUS WOODRUFFI									1	1	1						
HEMIARGUS HANNO	1	2	2		2	2	2		3	3	3	3	3	3	3	4	5
HEMIARGUS EREMBIS					1												
HEMIARGUS THOMASI	1	2					4	4									
PSEUDOCORYSOPS BORNIOI							1		1								
BREPHIDIUM EXILUS			3	2	2	2	2										1
BREPHIDIUM PSEUDOFEEA	1	1															
HESPERIIDAE, PYRGINAE, 45 SPECIES																	
PHOCIDES PIGMALION	4	3	3	3	3		2	2							1	1	1
PHOCIDES LINCEA						1										2	
PROTEIDES MERCURIUS			2	2		3	4	5				6	6	7	1	1	1
PROTEIDES MAYSI			1	1													
EPARGYREUS ZESTOS	1	1				1	1		1	1	1	1	1	1	1	1	1
EPARGYREUS ANTAEUS						1	1										
EPARGYREUS SPANNA						1											
POLYGONUS LEO	1	2	2	2		3	4	2	2		2	2			1	1	1
POLYGONUS MANUELI	1										2	2	2	2	1	1	1
CHIOIDES CATILLIUS						3								4	2	2	1
CHIOIDES IXION							1										
CHIOIDES MARMOROSA				1													
AGLYA ASANDER			3	3		2	1								4	4	4
POLYTHRIX OCTOMACULATA							1								2	2	2
URBANUS PROTEUS	1	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1
URBANUS DORANTES		3	3	3		2	2	2	2	2	4	4	4	4	1	1	1
URBANUS SIMPLICIUS						1									1	1	1
URBANUS ALBIMARGO						1										2	
ASTRAPTES TALIS				1		1		1						1	1	1	1
ASTRAPTES XAGIA				1		2											
ASTRAPTES ALARDUS			3	3		4									1	1	2
ASTRAPTES JAIRA						1											
ASTRAPTES CASSANDER				1	1												
ASTRAPTES ANAPHIS				2		2	2		2	2	2		2		2	1	1
CABARES POTRILLO				1		1	1								2	2	1
BURCA BRACO		2	1														
BURCA CONCOLOR		2	1														
BURCA STILLMANI							1										
BURCA HISPANIOLAE							1										
BURCA CURENSIS				1													
ANTIGONUS EROSUS														1	1	1	1
ACHYLODES THRASO			4			2	5		3	3	3				1	1	1
GRAIS STIGMATICUS						2									1	1	3
TIMOCHARES RUPTIFASCIATA						1											2
ANASTRUS SEMPIPERNUS			2			2	2								1	1	3
CHIOMARA ASYCHIS							4						4	4	1	1	2
CHIOMARA MITHRAX			1												1	1	1
GESTA GESTA			1			1	1								1	1	2
EPHYRIADES ARCAS			2	2		2	2	2	3	3	3					2	2
EPHYRIADES ZEPHODES				1		1	1		1	1	1				1	1	1
EPHYRIADES BRUNNEA		3	2	2	2	1						4					2
ERYNNIS ZARUCCO		1		1			1		1								2
PYRGUS CRISIA				1			2		2								
PYRGUS OILEUS	1		1	1		1	1	1	1	1	1	2	2	2	2	2	1
HELIOPETES ARSALTE							1								1	1	1
HESPERIIDAE, HESPERIINAE, 36 SPECIES																	
SYNAPE MALITIOSA				1		1									3	3	2
PHERAUS UNIA							1										
PYRRHOCALLES ANTIQUA			4	2	2	3	1		1								
CALLIMORMUS ALSIMO							1									1	1
CYMAENES TRIPUNCTUS	1			1	1	1	1	1	1	1					2	2	2
PERICHARES PHILFES				1		1	1		1						1	1	2

ISLAND ABBREVIATIONS	F	B	C	I	C	J	H	M	P	V	A	G	M	S	T	S	C
RHINTHON CUBANA			1			1									2	2	2
RHINTHON BUSHI							1										
OARISMA NANUS			1	1													
OARISMA STILLMANI							1										
HYLEPHILA PHYLEIUS	1	1	1	1	1	1	1		1	1	1	1	1	1	1	1	1
POLITES VIBEX	2						3		3		3			3	1	1	1
POLITES BARCOA	1		1	1			2										
WALLENGRANIA OTHO	6	1	1	1		3	2	2	7	7	4	4	4		5	5	6
ATALOPEDES NAROKOVI							1										
ATALOPEDES MESOGRAMMA			2	1	1		3		3								1
PARATRYTONE BATESI							1										
CHORANTHUS LILLIAE							1										
CHORANTHUS BORINCONA									1								
CHORANTHUS RADIANUS			2	1			3										
CHORANTHUS VITELLIIUS									1	1							
PARACHORANTHUS MAGDALIA				1			1										
EUPHYES CORNELIUS			2	1													
EUPHYES SINGULARIS				1			2	2									
ASBOLUS CAPUCINUS	1			1	1												
AMBYLSCIRTES FOLIA					1												2
LERODEA EUFALA	1			1	1		1	1								1	1
CALPODUS FTHLIUS	1	1	1				1	1		1	1	1	1	1	1	1	1
PANOQUINA PANOQUINOIDES	1	1	1		1		1	1	1	1				2	1	1	1
PANOQUINA OCOLA	1			1	1		1	1		1		1			1	1	1
PANOQUINA SYLVICOLA				1	1	1	2	2		2	1	1	1	1	1	1	1
PANOQUINA CORRUPTA				1	1												
PANOQUINA NERO				1	1			1		2	2		2				
PANOQUINA FUSINA							1										
NYCTELIUS NYCTELIUS			1				1	1	1	1	1		2	2	1	1	1
SALIANA LONGIROSTRIS				1												1	1
TOTAL 285 SPECIES																	

LITERATURE CITED

- BALLOU, H. A. 1913. Notes on Insect Pests in Antigua. *Bull. Ent. Research* 4:61-65.
- BARCANT, M. 1970. Butterflies of Trinidad and Tobago. Collins, London. 314 pp.
- BATES, M. 1939. Notes on butterflies from Hispaniola. *Psyche* 46:43-51.
- BROWN, F. M. 1931. A revision of the genus *Aphrissa*. *Amer. Museum Novitates* no. 454, 14 pp, 15 figs.
- BROWN, F. M. 1933. Notes on *Phoebis* and a new species. *Amer. Museum Novitates* no. 653, 5 pp., 6 figs.
- BROWN, F. M., and B. HEINEMAN, in press. Butterflies of Jamaica.
- BUTLER, A. G. 1901. On some butterflies from St. Lucia, West Indies, coll. by Major A. H. Cowie. *Proc. Zool. Soc. London* p. 711-714.
- CARPENTER, G. D. H., and C. B. LEWIS. 1943. A collection of Lepidoptera (Rhopalocera) from the Cayman Islands. *Ann. Carnegie Museum* 29:371-396.
- CLARK, A. H. 1904. Notes on Insects of Barbados, St. Vincent, the Grenadines, and Grenada. *Psyche* 11:114-117.
- CLENCH, H. K. 1942. The Lycaenidae of the Bahama Islands. *Psyche* 49: 52-60.
- CLENCH, H. K. 1964. A synopsis of the West Indian Lycaenidae, with remarks on their zoogeography. *Journ. Res. Lepid.* 2:247-270.
- COMSTOCK, W. P. 1961. Butterflies of the American Tropics: the genus *Anaea*. New York, American Museum of Natural History. 214 pp.

- DYAR, H. G. 1914. Lepidoptera of the Yale-Dominican expedition of 1913. *Proc. U.S. Nat. Museum* 47:423-426.
- EMSLEY, M. 1963. A morphological study of imagine Heliconiini with a consideration of the evolutionary relationships within the group. *Zoologica* 48:85-130.
- EMSLEY, M. 1965. Speciation in *Heliconius*; morphology and geographic distribution. *Zoologica* 50:191-254.
- EVANS, W. H. 1951-1955. A catalogue of the American Hesperidae. *British Museum Nat. Hist.*, London. 4 parts, 1015 pp.
- FORBES, W. T. M. 1941. The Lepidoptera of the Dry Tortugas. *Psyche* 48:147-148.
- FOX, R. M. 1956. A monograph of the Ithomiidae. Part I. *Bull. Amer. Mus. Nat. Hist.* 111:1-76. 1960, Part II. *Trans. Amer. Ent. Soc.* 86:109-171. 1967, Part III. *Amer. Ent. Soc. Mem.* 22:1-200.
- FOX, R. M. 1964. Affinities and Distribution of Antillean Ithomiidae. *J. Res. Lepid.* 2:173-184.
- FULDA, O. 1931. Sammeln in Haiti. *Ent. Rundschau* (Stuttgart), 48: 169-170, 176-179, 194-196.
- GILLHAM, N. W. 1957. Subspecies versus geographic variation in Caribbean populations of *Anartia jatrophae*. *Amer. Museum Novitates* 1845: 1-22.
- GODMAN, F. D. and O. SALVIN. 1884. A list of the Rhopalocera collected by Mr. G. French Angas in the island of Dominica. *Proc. Zool. Soc. London* pp. 314-320.
- GODMAN, F. D. and O. SALVIN, 1896. On the butterflies of St. Vincent, Grenada, and the adjoining islands of the West Indies. *Proc. Zool. Soc. London*, pp. 513-520.
- HALL, A. 1925. List of the butterflies of Hispaniola. *Entomologist* 58: 161-165, 171-174, 186-190.
- KAYE, W. J. 1926. The butterflies of Jamaica. *Trans. Ent. Soc. London*, year 1925, pp. 455-504.
- KAYE, W. J. 1927. A catalogue of the Trinidad Lepidoptera Rhopalocera. *Mem. Dept. Agric. Trinidad and Tobago* 3:144 pp.
- KAYE, W. J. 1940. Additions and corrections to the recorded species of Trinidad butterflies. *Trans. R. Ent. Soc.* 90:551-573.
- KAYE, W. J. 1931. Additions and corrections to the author's "Butterflies of Jamaica." *Trans. Ent. Soc. London* 79:531-537.
- KIMBALL, C. P. 1965. The Lepidoptera of Florida. *Fla. State Dept. Agric.*, Gainesville. 363 pp.
- LATHY, P. I. 1904. A contribution towards the knowledge of the Lepidoptera-Rhopalocera of Dominica, B.W.I. *Proc. Zool. Soc. London*, pp. 450-454.
- LEWIS, C. B. 1947. Butterfly Notes. *Nat. Hist. Notes Nat. Hist. Soc. Jamaica*, 29-30:91; 31:111; 33:157; 35-36:204; 37:13; 49:8.
- LINDSEY, A. W. 1926. Lepidoptera collected by the Barbados-Antigua expedition from the University of Iowa. *Univ. Iowa Studies Nat. History*, 11(7): pp. 33-35 in no. 7.
- MILLER, L. D. 1965. A review of the West Indies "*Choranthus*." *J. Res. Lepid.* 4:259-274.
- MUNROE, E. G. 1951. The genus *Junonia* in the West Indies. *Amer. Museum Novitates* 1498:1-16.
- MUNROE, E. G. 1949. Some remarks on the *orithya*-group of the genus *Junonia*. *Entomologist* 82:157-158.

- MUNROE, E. G. 1957. Comparison of closely related faunas. *Science* 126:437-439.
- SEITZ, A. 1924. The Macrolepidoptera of the World. Vol. 5. American Rhopalocera. Alfred Kernen, Stuttgart, 1139 pp.
- SHARPE, E. M. B. 1898. On a collection of Lepidopterous insects from San Domingo, with field notes by the collector, Dr. Cuthbert Christy. *Proc. Zool. Soc. London* pp. 362-369.
- RINDGE, F. H. 1955. The butterflies of the Van-Voast American Museum Natural History Expedition to the Bahama Islands, B.W.I. *Amer. Museum Novitates* no. 1715:1-20.
- RINDGE, F. B. 1952. The butterflies of the Bahama Islands, B.W.I. *Amer. Museum Novitates* no. 1563:1-18.
- SHELDON, W. G. 1936. Tobago and its butterflies. *Entomologist* 69:200-208.
- STONER, D. 1919. Collecting terrestrial arthropods in Barbados and Antigua, B.W.I. *Canad. Ent.* 51:173-178, 217-220.
- TALBOT, G. 1943. Revisional notes on the genus *Danaus*. *Trans. Royal Ent. Soc. London*.
- TORRE Y CALLEJAS, S. L. DE LA. 1954. An annotated list of the butterflies and skippers of Cuba. *Journ. N.Y. Ent. Soc.* 62:1-25, 113-128, 189-192, 207-249.
- TORRE Y CALLEJAS, S. L. DE LA. 1963. Sobre la identidad de *Pieris menciae*. *Actas y Trabajos del Primer Congreso Sudamericano de Zool.* 3:
- TUCKER, R. W. E. 1952. The insects of Barbados. *Journ. Agric. Univ. Puerto Rico*, 36:330-363, 352-353.
- VEASE, and R. F. D'ALMEIDA. 1939. Revisao do genero *Appias* (subgen. *Glutophrissa*). *Bol. Biol.* 4(1):51.
- WATSON, F. E. 1938. A new *Eurema* from Puerto Rico. *Amer. Museum Novitates* no. 971:1-2.
- WILLIAMS, C. B. 1930. The migration of butterflies. Oliver & Boyd, London. 473 pp.
- WILLIAMS, R. C. Jr. 1931. Cuban HesperIIDae. *Trans. Amer. Ent. Soc.* 57:305-318.
- WOLCOTT, G. N. 1948. The insects of Puerto Rico, Lepidoptera. *Journ. Agric. Univ. Puerto Rico* 32:537-573.